

## AUGERS

## Auger Bit

Drill holes for right-hand cutting with this wood-boring bit. The cutting edges of the bit are machined, sharpened, hardened and tempered for clean, easy boring. Surfaces are polished, and the size is clearly marked on the bit. The steel auger bit fits any standard brace. (Use File (American pattern) 5110-00-251-9000 to sharpen auger bit.)

Single-twist style ship auger with screw point is for boring heavy timbers. Also fits portable power drill with three-jaw chuck. MIL-B-52390.

**5133-00-360-2731** 7/16" diameter bit, 12" twist, 14-1/4" length EA **\$69.36**

## Auger Bit Set

Wood-boring bit set drills holes for right-hand cutting. Machined cutting edges are sharpened, hardened and tempered for clean, easy boring. Polished bit surfaces. Size is clearly marked on the bit. Steel auger bit fits any standard brace. GGG-B-383.

Consists of seven bits in the following sizes: 1/4 to 1" in eighths. Bits have tapered, square shanks, hollow or solid cores and single or double twists, with spurs and screw points. Set comes in a flexible plastic or fabric roll with separate pockets and a fastener.

**5133-00-293-2396** SE **\$61.34**

## COUNTERSINKS AND COUNTERBORES

## Countersink

The countersink centers work pieces and countersinking holes. Steel countersink is marked with size and angle. GGG-C-613.

Straight shank has center reamer pattern and right-hand cutting.

*Shank is short and cylindrical. Spiral flute-style tool has six flutes with alternating flute angles.*

**5133-00-243-2309** 3/8" diameter, 100 deg angle EA **\$5.40**

## Countersink Set



Set consists of five countersinks. Has long, cylindrical shanks that are straight. Features a center reamer pattern, right-hand cutting and a 60 deg. included angle. Five pilotless reamers come in the following sizes.

Body diameters are 1/2 through 1" by eighths. Lengths are 3-7/8 through 4-3/8" by eighths.

**5133-00-529-4577** SE **\$57.10**

## TWIST DRILLS

## Twist Drill

High-speed, heat-treated steel bits for right-hand cutting. Recommended for the following types of steel: cast iron and mild soft steels. Has two spiral flutes and a 118deg point angle. Has a straight, round shank and fits three-jaw drill chucks. GGG-D-751D conforms to ANSI B94.11.

Jobbers length. Type C. (Numeric size.)

**5133-00-189-9275** 0.1285" decimal equivalent Size 30, 1-5/8" flute length, 2-3/4" overall length DZ **\$3.55**

**5133-00-189-9261** 0.1770" decimal equivalent Size 16, 2-3/16" flute length, 3-3/8" overall length DZ **\$9.52**

Long (taper) length.

**5133-00-236-4059** 1/4" diameter 6-1/8" overall length DZ **\$35.18**

**Please use the Customer Supply Center Order Form at the back of the catalog for all mail and FAX orders. Please photocopy the blank form first for future use.**



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Jobbers length. Type B Class 1. (Fractional.)

<b>5133-00-227-9646</b>	0.0625" decimal equivalent	1/16" diameter, 7/8" flute length, 1-7/8" overall length	DZ	<b>\$5.94</b>
<b>5133-00-227-9647</b>	0.0781" decimal equivalent	5/64" diameter, 1" flute length, 2" overall length	DZ	<b>\$5.94</b>
<b>5133-00-227-9648</b>	0.0938" decimal equivalent	3/32" diameter, 1-1/4" flute length, 2-1/4" overall length	DZ	<b>\$5.94</b>
<b>5133-00-227-9649</b>	0.1094" decimal equivalent	7/64" diameter, 1-1/2" flute length, 2-5/8" overall length	DZ	<b>\$6.27</b>
<b>5133-00-243-9612</b>	0.1231" decimal equivalent	13/64" diameter, 2-7/16" flute length, 3-5/8" overall length	DZ	<b>\$8.55</b>
<b>5133-00-227-9650</b>	0.1250" decimal equivalent	1/8" diameter, 1-5/8" flute length, 2-3/4" overall length	DZ	<b>\$6.35</b>
<b>5133-00-227-9651</b>	0.1406" decimal equivalent	9/64" diameter, 1-3/4" flute length, 2-7/8" overall length	DZ	<b>\$6.90</b>
<b>5133-00-227-9652</b>	0.1562" decimal equivalent	5/32" diameter, 2" flute length, 3-1/8" overall length	DZ	<b>\$7.03</b>
<b>5133-00-227-9653</b>	0.1719" decimal equivalent	11/64" diameter, 2-1/8" flute length, 3-1/4" overall length	DZ	<b>\$7.61</b>
<b>5133-00-227-9654</b>	0.1875" decimal equivalent	3/16" diameter, 2-5/16" flute length, 3-1/2" overall length	DZ	<b>\$8.02</b>
<b>5133-00-227-9656</b>	0.2188" decimal equivalent	7/32" diameter, 2-1/2" flute length, 3-7/8" overall length	DZ	<b>\$9.69</b>
<b>5133-00-243-9611</b>	0.2344" decimal equivalent	15/64" diameter, 2-5/8" flutes length, 3-7/8" overall length	DZ	<b>\$10.57</b>
<b>5133-00-227-9658</b>	0.2500" decimal equivalent	1/4" diameter, 2-3/4" flute length, 4" overall length	DZ	<b>\$4.02</b>
<b>5133-00-227-9659</b>	0.2656" decimal equivalent	17/64" diameter, 2-7/8" flute length, 4-1/8" overall length	DZ	<b>\$14.44</b>
<b>5133-00-240-8443</b>	0.2969" decimal equivalent	19/64" diameter, 3-1/16" flute length, 4-3/8" overall length	DZ	<b>\$9.78</b>
<b>5133-00-227-9662</b>	0.3125" decimal equivalent	5/16" diameter, 3-3/16" flute length, 4-1/2" overall length	DZ	<b>\$18.49</b>
<b>5133-00-227-9664</b>	0.3138" decimal equivalent	11/32" diameter, 3-7/16" flute length, 4-3/4" overall length	DZ	<b>\$21.67</b>
<b>5133-00-243-9613</b>	0.3281" decimal equivalent	21/64" diameter, 3-5/16" flute length, 4-5/8" overall length	DZ	<b>\$11.96</b>
<b>5133-00-227-9665</b>	0.3594" decimal equivalent	23/64" diameter, 3-1/2" flute length, 4-7/8" overall length	DZ	<b>\$23.59</b>
<b>5133-00-227-9666</b>	0.3750" decimal equivalent	3/8" diameter, 3-5/8" flute length, 5" overall length	DZ	<b>\$14.66</b>
<b>5133-00-227-9667</b>	0.3906" decimal equivalent	25/64" diameter, 3-3/4" flute length, 5-1/8" overall length	PG (contains 6 EA)	<b>\$13.57</b>
<b>5133-00-227-9668</b>	0.4062" decimal equivalent	13/32" diameter, 3-7/8" flute length, 5-1/4" overall length	PG (contains 6 EA)	<b>\$14.86</b>
<b>5133-00-227-9669</b>	0.4219" decimal equivalent	27/64" diameter, 3-15/16" flute length, 5-3/8" overall length	PG (contains 6 EA)	<b>\$15.74</b>
<b>5133-00-227-9670</b>	0.4375" decimal equivalent	7/16" diameter, 4-1/16" flute length, 5-1/2" overall length	PG (contains 6 EA)	<b>\$17.17</b>
<b>5133-00-227-9671</b>	0.4531" decimal equivalent	29/64" diameter, 4-3/16" flute length, 5-5/8" overall length	PG (contains 1 EA, EA has 6 EA)	<b>\$22.31</b>
<b>5133-00-227-9673</b>	0.4688" decimal equivalent	15/32" diameter, 4-5/16" flute length, 5-3/4" overall length	PG (contains 6 EA)	<b>\$19.65</b>
<b>5133-00-227-9674</b>	0.4844" decimal equivalent	31/64" diameter, 4-3/8" flute length, 5-7/8" overall length	PG (contains 6 EA)	<b>\$26.35</b>

Jobber (short) length, straight shank general purpose twist drills. Made of high speed steel. Designed for use under wide variations of materials, equipment and job conditions. Typical applicable applications include drilling production parts, maintenance, and portable drilling. Has two spiral flutes and a 118 deg point angle. Has a straight, round shank and fits three-jaw drill chucks. Manufactured in accordance with ASME B94.11M.

<b>5133-00-227-9672</b>	0.5000" decimal equivalent	1/2" diameter, 4-1/2" flute length, 6" overall length	PG (contains 6 EA)	<b>\$21.67</b>
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**We ship all orders within 24 hours of receipt.  
Larger orders may be shipped via common carrier.**

**Twist Drill (Carbide-Tipped)**

Carbide-tipped, high-speed steel bit is for heavy-duty use with power drills on cast iron and nonferrous materials. Short (jobbers) length has a straight, round shank; two flutes; and a 118 deg. point angle.

<b>5133-00-222-9467</b>	Size 3/8", 3-5/8" flute, 5" overall length	EA	<b>\$7.67</b>
<b>5133-00-222-9471</b>	Size 3-16", 2-5/16" flute, 3-1/2" overall length	EA	<b>\$4.44</b>

**Twist Drill (Cobalt)**

Use cobalt, high-speed steel bits in constant-speed drills. Recommended for the following types of steel: high-strength alloy steels, stainless steel, titanium, manganese steel, armor plate and inconel. Oxide surface-treated short (jobbers) length bit has two flutes, a straight round shank, split point and a 135 deg. point angle. Conforms to National Aerospace Standard 907.

With standard jobbers-length flutes for general heavy-duty applications.

<b>5133-00-065-0981</b>	size 21, 3-1/4" overall length	DZ	<b>\$12.87</b>
<b>5133-00-051-5749</b>	Size 40, 2-3/8" overall length	DZ	<b>\$12.69</b>
<b>5133-00-051-5748</b>	size 30, 2-3/4" overall length	DZ	<b>\$8.43</b>

With short-length flutes for limited heavy-duty applications.

<b>5133-00-988-5684</b>	Size 10, 3-5/8" overall length	DZ	<b>\$16.28</b>
<b>5133-00-988-5673</b>	Size 21, 3-1/4" overall length	DZ	<b>\$12.78</b>

With standard jobbers-length flutes for general heavy-duty applications.

<b>5133-00-838-5245</b>	Size 10, 3-5/8" overall length	DZ	<b>\$12.65</b>
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With short-length flutes for limited heavy-duty applications.

<b>5133-00-988-5664</b>	Size 30, 2-3/4" overall length	DZ	<b>\$12.65</b>
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With standard jobbers-length flutes for general heavy-duty applications.

<b>5133-00-988-5703</b>	Size 1/4", 4" overall length	DZ	<b>\$24.77</b>
<b>5133-00-988-5711</b>	Size 3/8", 5" overall length	DZ	<b>\$48.84</b>
<b>5133-00-988-5707</b>	Size 5-16", 4-1/2" overall length	DZ	<b>\$38.47</b>
<b>5133-00-988-5697</b>	Size 5-32", 3-1/8" overall length	DZ	<b>\$10.89</b>
<b>5133-00-412-1748</b>	Size 8, 3-5/8" overall length	DZ	<b>\$19.95</b>

**Twist Drill Set (Cobalt Steel)**

Cobalt, high-speed steel bits for use in the following types of steels: high-strength alloy steels, stainless steel, titanium, manganese steel, armor plate and inconel. Straight round shank, oxide surface-treated and has two flutes, split point and a 135 deg. point angle. Conforms to National Aerospace Standard 907.

With short (jobbers) lengths in the following sizes: 7/64 to 3/8" by 64ths. Type J.

<b>5133-00-980-3422</b>	SE	<b>\$54.02</b>
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**Twist Drill Set - Cobalt Steel**

Cobalt, high-speed steel bits for use in the following types of steels: high-strength alloy steels, stainless steel, titanium, manganese steel, armor plate and inconel. Straight round shank, oxide surface-treated and has two flutes, split point and a 135 deg. point angle. Conforms to National Aerospace Standard 907.

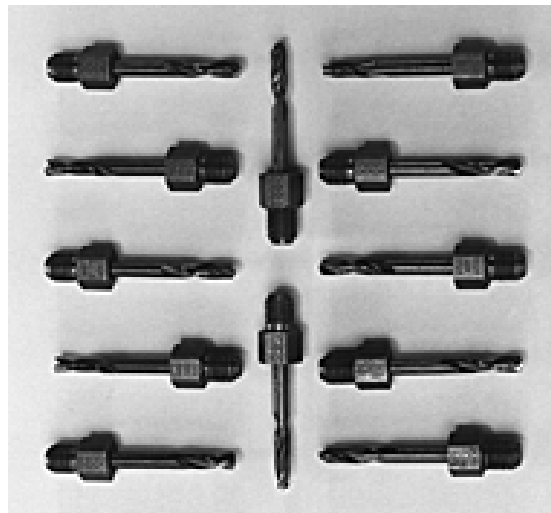
With short (jobbers) lengths in the following numbered sizes: 1 to 40. Type D.

<b>5133-00-980-3423</b>	SE	<b>\$76.43</b>
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**Twist Drill (Solid Carbide)**

Solid carbide, heavy-duty bit for drilling cast iron and nonferrous materials. Has a straight, round shank; two flutes; right-hand cutting; and a 118 deg. point angle. Conforms to ANSI B94.11.

<b>5133-00-841-8702</b>	Size 1/8", 1-1/4" flute, 2-1/4" overall length	EA	<b>\$5.94</b>
<b>5133-00-841-8746</b>	Size 3/8", 2-3/4" flute, 4-1/4" overall length	EA	<b>\$37.24</b>

**Twist Drill (Threaded Shanks)**

Bit is for high-speed use with power tools to drill steel and nonferrous materials for general-purpose applications. Has two flutes, an externally threaded shank with hexagonal nut (1/4 - 28 UNF), a split point and a 135 deg. point angle. Short (jobbers) series is for right-hand cutting. Conforms to NAS 965.

<b>5133-00-435-3246</b>	Size 21, 1-1/4" overall length	DZ	<b>\$11.77</b>
<b>5133-00-435-3276</b>	Size 30, 1-1/4" overall length	DZ	<b>\$12.88</b>
<b>5133-00-435-3277</b>	Size 40, 1-1/4" overall length	DZ	<b>\$10.89</b>

**Twist Drill (Very Short Length)**

Standard, high-speed tempered steel bit is for use with power drills for drilling steel and nonferrous materials. Oxide surface-treated bit has two flutes; a straight, round shank; a split point; and a 135 deg. point angle. Conforms to National Aerospace Standard 907 and ANSI B94.11.

Screw-machine (very short) length bit is for general medium-duty applications.

<b>5133-00-912-6029</b>	Size 10, 2-1/4" overall length	DZ	<b>\$6.24</b>
<b>5133-00-912-6030</b>	Size 21, 2-1/8" overall length	DZ	<b>\$4.93</b>
<b>5133-00-912-6032</b>	Size 40, 2-3/8" overall length	DZ	<b>\$7.07</b>

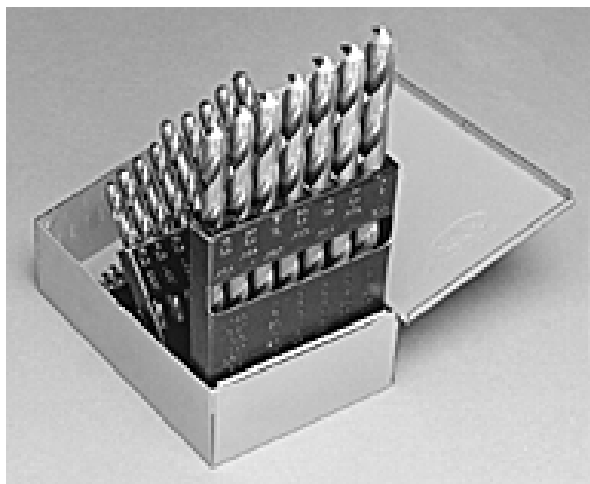
**Twist Drill Set (Metric)**

For high-speed use with power drills for drilling steel and nonferrous materials. Surface treated with oxide. Feature two flutes, a straight, round shank, a split point and a 135 deg. point angle. Comes in short (jobbers) lengths in the following drill sizes: 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5 and 13mm. Conforms to National Aerospace Standard 907 and ANSI B94.11. ANSI B94.11M.

<b>5133-01-047-0258</b>	SE	<b>\$46.69</b>
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**You may submit your order by phone, FAX,  
e-mail, ROCS or GSA Advantage!, whichever  
is most convenient for you.**

## Twist Drill Set (High-Speed Steel)



Metal-cutting, high-speed steel bits for right-hand cutting. Use with hand, air-operated or electric drills for drilling ferrous and nonferrous materials. Heat-treated bits have two spiral flutes. GGG-D-751

Combination short (jobbers) length and long (taper) length set has no case.

**5133-00-278-0232** SE (contains 11 EA) **\$80.45**

Short (jobbers) length set comes in a plastic container. Sizes are by 16ths.

**5133-00-293-0982** SE (contains 8 EA) **\$13.85**

Short (jobbers) length set comes in a metal case. Sizes are by 64ths from 1/16 to 1/2".

**5133-00-293-0983** SE (contains 29 EA) **\$46.00**

No. 2 taper length set comes in a case. Sizes are by 64ths from 33/64 to 3/4".

**5133-00-596-8088** SE (contains 16 EA) **\$362.44**

Short (jobbers) length set comes in a case. Sizes are by 64ths from 1/16 to 1/4".

**5133-00-618-7783** SE (contains 13 EA) **\$11.86**

Short (joggers) length set comes in a metal case. Wire sizes 1 to 60.

**5133-00-449-6775** SE (contains 60 EA) **\$33.25**

Short (jobbers) length, letter-size set comes in a metal case. All letter sizes A through Z.

**5133-00-540-4375** SE (contains 26 EA) **\$47.68**

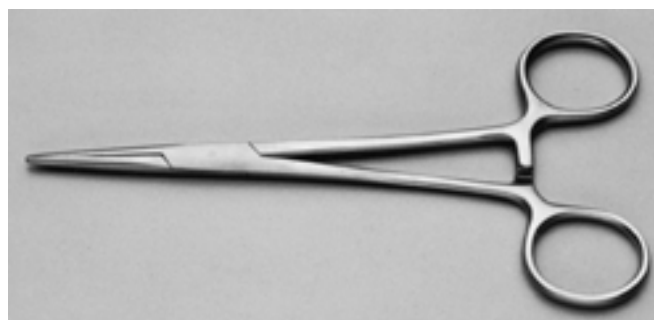
Metal-cutting, high-speed bits for right-hand cutting. Use with hand, air-operated or electric drills for drilling ferrous and nonferrous materials. Heat-treated bits have two spiral flutes. GGG-D-751.

Combination short (jobbers) length and long (taper) length set comes in a case. Sizes are by 32nds.

**5133-00-278-0230** SE (contains 23 EA) **\$170.76**

## FORCEPS

### Soldering Forceps (Straight Nose)



Straight, needle-nose soldering forceps hold wires when soldering or retrieve small items. Tool also acts as a heat sink and has a two- or three-position snap lock. Forceps have box-joint construction and serrated jaws. Tempered, stainless steel chrome-plated forceps measure 5-3/4" long.

**5120-00-012-4013**

EA **\$12.96**

### Soldering Forceps (Curved Nose)

Curved-nose soldering forceps hold wires when soldering or retrieve small items. Tool also acts as a heat sink and features a two- or three-position snap lock. Has box-joint construction and serrated jaws. Tempered stainless steel chrome-plated forceps measure 5-3/4" long overall.

**5120-00-012-4016**

EA **\$12.96**

## SPECIAL PURPOSE

### Lock Pick Set

Contains a generous assortment of the most popular picks, tension wrenches, key extractors, and feelers. Includes a vast selection of full, half, and three quarter rakes and diamond tips; half, single, and double ball picks, light, medium, and heavy weight tension wrenches; and hook and saw type key extractors. It also includes letterbox pick/tension tools, as well as variable tension tools. Plus, the set includes dual pronged tension tools that provide even tension on double-sided wafer locks. Zippered jacket pocket size 4 x 6-1/2". Contains 40 picks, 14 tension tools, and 6 extractors.

**5120-00-507-0649**

SE **\$87.17**

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with many orders shipped the same day and  
delivered the next, with no extra charges  
because the prices you see already include  
shipping and handling.**